National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RELIABILITY TEST LAB, BLUE STAR LIMITED, 2ND POKHRAN ROAD , MAJIWADA, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9251 **Page No** 1 of 2

Validity 08/02/2021 to 07/02/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- EMI / EMC TEST FACILITY	Refrigeration & Air-conditioning products, Air purifiers, water purifiers, and electronics sub assemblies	Conducted Emmision Test (CE)	CISPR-14-1
2	ELECTRICAL- EMI / EMC TEST FACILITY	Refrigeration & Air-conditioning Products, Air Purifiers, Water Purifiers, and electronics sub assemblies	Electrical Fast Transient/ Burst Test	IS14700 Part-4/ Sec-4(2018); IEC 61000-4-4 (2012)
3	ELECTRICAL- EMI / EMC TEST FACILITY	Refrigeration & Air-conditioning Products, Air Purifiers, Water Purifiers, and electronics sub assemblies	Immunity to Conducted Disturbance	IS 14700-Part-4/ Sec-6 (2016); IEC61000- 4-6 (2013)
4	ELECTRICAL- EMI / EMC TEST FACILITY	Refrigeration & Air-conditioning Products, Water Purifiers, Air Purifiers and elclectronics Sub assemblies	Surge Immunity Test	IS14700: Part-4/ Sec-5 (2019); IEC 61000-4-5(2017)
5	ELECTRICAL- EMI / EMC TEST FACILITY	Refrigeration & Air-Conditioning Products, Water Purifiers, Air Purifiers, and Electronics Sub-assemblies	Voltage Dips, Short Interruptions and Voltge Variation Immunity Test	IS 14700 Part-4/ Sec-11 (RA-2014); IEC 61000-4-11 (2004)
6	ELECTRICAL- EMI / EMC TEST FACILITY	Refrigeration and Air-conditioning products, Water Purifiers, Air purifiers, and electronics sub assemblies	Electrostatic discharge test	IS 14700 Part-4 Sec-2 (2018); IEC 61000-4-2(2008)
7	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	HVAC-R Components & Electronic sub Assemblies	Fire Hazard Testing: Needle-Flame Test	IS 11000 (Part 2/ Sec2): 2008-RA- 2016; IEC 60695-11-5 :2004
8	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	HVAC/R Components & Electronic Assemblies	Cold Test	IS 9000 Part 2: Sec 3 & 4 (RA-2016)
9	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	HVAC/R Components & Electronic Assemblies	Damp Heat Test Cyclic	IS:9000 Part 5: Sec-1 (RA-2016)
10	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	HVAC/R Components & Electronic Assemblies	Damp Heat Test -Steady State	IS:9000 Part 4 (RA-2018)
11	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	HVAC/R Components & Electronic Assemblies	Dry Heat Test	IS 9000 Part 3; Section: 3 & 5-RA-2016
12	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	HVAC/R Components & Electronic Assemblies	Fire Hazard Testing - Glow Wire Test	IS 11000 : Part 2: Sec 1: 2018 / IEC 60695-2-10: 2013
13	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	HVAC/R Components & Electronic sub Assemblies	Fire Hazard Test:- Ball pressure test	IS/IEC 60695 : Part 10 : Sec 2 : 2014
14	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	HVAC/R Products, Components & Electronic sub Assemblies	Impact Hammer Test	IS 9000: Part 7: Sec 7: (RA 2016) /IEC 60068-2-75 :1997

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15	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	HVAC/R Products, Components & Electronic sub Assemblies	Salt Mist Test/ Salt Spray Test @ 35°C ±2°C; 5% NACL solution	IS 9000: Part 11(1983) - RA-2016; IS9844 (1981): RA-2016
16	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Ref & AC Product Assemblies and Sub assemblies, Control Panels & Controllers etc	Dust Test	IS/IEC 60529-RA-2014 (Cl:5: IP5X & 6X; test Condition: 13.4)
17	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Ref & AC Products , Electrical/ Electronics Sub assemblies & Control Panels	Water Ingress Protection Test (IP Code)	IS/I IS/IEC 60529-RA-2014
18	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Ref& AC products & Sub assemblies, Control Panels & Controllers	Jointed Test Finger IP-2B Test: Protection of persons against access to Hazardous Parts.	IS/IEC 60529 (RA 2014)
19	ELECTRICAL- SAFETY TESTING FACILITY	HVAC Products , Water and Air Purifiers, and Electronics Sub assembly	Electric Strength Test	IS 302-1(Cl:13.3, Cl:16.3; & 23.5)
20	ELECTRICAL- SAFETY TESTING FACILITY	HVAC Products , Water and Air Purifiers, and Electronics Sub assembly	Insulation Resistance	IS 1391.Part-2 (Cl 15.3.3)
21	ELECTRICAL- SAFETY TESTING FACILITY	HVAC Products , Water and Air Purifiers, and Electronics Sub assembly	Leakage Current Test	IS 302 -1(Cl:13.2)
22	ELECTRICAL- SAFETY TESTING FACILITY	HVAC/R Products, Components & sub Assemblies	Burst Pressure Test	IS 11329: 2018 Cl: 7.3.1
23	ELECTRICAL- SAFETY TESTING FACILITY	HVAC/R products, Water Purifiers, Air Purifiers,and Electronics Sub assemblies	Provision for Earthing	IS 302-1(Cl: 27.5)